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An Account of two Books :

- I. *A Discourse of the State of Health in the Island of Jamaica, with a Provision calculated for the same, from the Air, the Place, and the Water; the Customs and manner of Living, &c.* By Thomas Trapham M. D. Coll. Med. Lond. Soc. Hon.

THis Book is divided by the Ingenious Author into ten Chapters, with a Conclusion.

Chap. 1. Treateth of the Air of *Jamaica*. As, amongst other particulars, of the Winds there, and several kinds of Breezes; with the Distempers they introduce. Shewing also, that 'tis thick and moist, though very hot. That it aboundeth with a Volatile Nitrous Salt; from the speedy rusting of Iron, and the great fructifying quality of the Rains and Dews there. With a Digression of the Nature or Production of Nitre, &c.

Chap. 2. Of the Place. As, with other matters of note, Whence not subject to Hurricanes. Description of *Port Royal*: with the advantages and inconveniences therein with respect to health. Account of the Sugar-works: and of the Distempers which proceed from much drinking of *Rum*, and other hot Liquors. Two great Rarities: the one a sort of Trees, not rotten, but living and growing, the Bark of which shines in the dark most vividly, especially in rainy weather. The other a sort of Seeds, endued with an inward throbbing Puls or Spring of Motion: by means whereof they will also leap sometimes above a span high upon a Table; and being placed at a distance, continue that leaping motion one towards another: which power of self-motion they also retain, in some degree, for many days. Descriptions of several Parts of the Island. Of the *Cacao*, and other Plants here produced. A Natural History of the Countrey promised.

Chap. 3. Of the Water. As of the River *de Coure*. How cured by the Spaniards, &c. A better water near the Port. Danger of Well-water, especially at *Ligany*. Rivers and Springs abound. A Vegetable which being cut, affords a copious

pious and healthful Liquor. Uses of the *Coco Nut-tree*.

Chap. 4. Of the Customs and Manners of Living. Where a sutable and regular Diet is recommended. Best Wine for the Jamaicans brought from *Madera*. How the Jamaican to order himself in the night. Whence it is, that in *Jamaica* four Males dye for one Female. Of *Chocolate* (the Manna of the *West-Indies*) its preparation and use. Of Fruits, Flesh, and Fish, which the best. Particularly, the Sea-Tortoyse excellent food. With several observations of this Animal. Of the *Manaty* or Sea-Cow. The Jew-fish, &c. Here no venomous Creatures, &c.

Chap. 5. Of the Intemperatures and Diseases of the Place in general, and Fluxes in particular. The Diseases here, few, and simple. Small Pox, Plague, Consumptions, Stone, but rare: As also the Diseases incident to Women in Northern Countries: Childbirth easie to admiration. Symptomes and cure of the Simple Flux, Bloody Flux, and White Flux.

Chap. 6. Of the Fevers in *Jamaica*. As their Nature, Remedies. Usually Intermittent. The use of *China* herein.

Chap. 7. Of the Dropsy, called the Countrey Disease. A specifick Remedy hereof growing in *Jamaica*, called the *Dumb Cane*, because, whosoever toucheth it with his Tongue, becometh dumb for some hours. Applied by the Author only outwardly. How to be prepared and used: and its odd effects. Occasionally of the Herb *Verbene* very successfully applied in the Pleurisie. The use of a Decoction of *Savanna Weed*, a sort of *Spikenard*.

Chap. 8. Of Worms. Whence so frequent in *Jamaica*; especially in Children, Women, and Infirm. Amongst others, *Jamaica Aloes* one specifick for them, &c.

Chap. 9. Of the *Lues Venerea*. Some conjectures of its Original. Description of the *Yaws*, cured in *Jamaica* with ease and certainty by a methodical use of Vomits, Purging, and Bleeding: together with a Remedy for external sores, of ease preparation; which is also described. A Conjecture, That many of the Symptomes in the Yaws and Pox, may proceed from little Animals, bred in and about the Spermatick Parts. The use of a Balsamick Juice in the Pox, discovered by wild Boars.

Chap. 10. Of the Dry-belly-ach. How occasioned. Its terrible Symptomes. Often proves Chronical. Bathing a sure Remedy. A Specifick to be used with the forementioned Balsome.

The Conclusion. Wherein Baths are recommended for preventing most of the forementioned Diseases, The Author's Opinion of the Production of *Ambergrieſe*.

II. *Catalogus Stellarum Australium: ſive Supplementum Catalogi Tychoſnici, exhibens Longitudines & Latitudines Stellarum fixarum, quæ prope Polum Antarcticum ſitæ, in Horizonte Uraniburgico Tychoſni inconſpicuæ fuere, accurato Calculo, ex Distantiis ſupputatas, & ad Annum 1677. completum correctas. Cum ipſis Obſervationibus in Inſula S. Helena (cujus Latitudo 15 gr. 55 m. Auſtr. & Longit. 7 gr. 00 m. ad Occaſum à Londino) ſummâ Curâ & Sextante ſatis magno de Cælo depromptis. Opus ab Aſtronicis hætenus deſideratum. Accedit appendicula de Rebus quibuſdam Aſtronicis, notatu non indignis. Authore Edmundo Halleio, à Coll. Reg. Oxon.*

THE diligent and moſt accurate Author introduceth theſe his Obſervations with a Preface; therein noting, That from his ſaid Obſervations it is moſt clear, that all the Aſtronomical Tables hitherto extant, are defective in Calculating the Motions of Celeſtial Bodies: that *Saturn* moveth much more ſlowly, and *Jupiter* more ſwiftly, than by thoſe Tables is reckoned upon. That hereupon, he began to go about to correct them; but preſently foreſaw, that could never be well done, without a more correct Catalogue of the fixed Stars: the performance whereof, is already undertaken by other excellent hands. That he therefore choſe rather to take upon himſelf the ſtateing of the places of the fixed Stars near the Southern Pole, and out of our Horizon: which no one, that he knoweth, hath, with proper Inſtruments, before undertaken. What *Frederick Houſman's* Inſtruments were, by whoſe Obſervations in *Sumatra*, *Blaeu* pretended to correct his Celeſtial Globe, our Author knows not; but ſaith, That by comparing that Globe with this his preſent Catalogue,

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it appeareth he understood little of Astronomy. Which considering, and being also approved and encouraged by divers persons of much Worth and Honour, as my Lord *Brouncker*, Sir *Joseph Williamson*, Sir *Jonas Moore*, and others, & even by the King also, he thereupon furnished himself with such Instruments as were necessary for his purpose: which he particularly mentions and describes. Of these, he saith, he made the utmost and most assiduous use that could be, in a place of so thick and cloudy a Sky, as that of *St. Helena*, contrary to common report, prov'd to be; having restored about 350 fixed Stars, which were omitted in *Catalogo Tychonico*. The places whereof he presumeth he hath truly assigned, taking in, or not without respect to, the places of some of the Stars in the forementioned Catalogue; in which the Obliquity of the Ecliptick is supposed to be 23 gr. 31 m. 30 s. which (saith our Author) is most certainly too much. Yet because he designed not a correction of the whole Sphear; and because it appears not, as yet, within half a minute, how great that Obliquity is; and that this his own Catalogue may be easily reduced to any Obliquity, he thought not fit to meddle with that.

After the Preface, follow the Observations themselves: wherein to his own, the Author hath added an ancient Catalogue out of *Clavius's* Commentaries *In Sphæram Jo. de Sacrobosco*; and that of *Bartschius* à *Tabulis Rudolphinis Kepleri*: that being compared with these his Observations, it might evidently appear how very much the Ancient Globes do almost every where differ from the Heavens. From these Observations, as he proceeds, he also proposeth some conjectures of the corruptibility, or at least the mutability of the fixed Stars.

Next there is a Table of the Right Ascensions of the Southern fixed Stars, and their Distances from the Pole: For the use of Navigators.

Hereto is subjoyned an Observation of *Mercury* by our Author, *scil.*

Mercurii Transitus sub Solis Disco. Oct. 28. Anno 1677. Cum Tentamine pro Solis Parallaxi.

Of his conjectures here made about the Suns Parallaxis, in
his

his aforefaid Preface, he faith, That were the place of *Mercury's* Node once found, from this his Observation of *Mercury*, the Suns Parallaxis might be deduced.

Hereto are added, by our Author,
Modi quidam penè Geometrici pro Parallaxi Luna investiganda.

Of which, there are three proposed, Yet the best way of finding the same (as the Author noteth in his Preface) would be, by comparing the Meridian Altitudes of the Moon, observed both in *St. Helena* and in *Europe* at the same time.

The concluding Chapter is entitled,
Quædam Lunaræ Theoriæ Emendationem spectantia.

Wherein it is (as is noted in the said Preface) that Astronomy is at present most of all defective. And that the discovery hereof would lead us to the most exact way of finding out the Longitude of places.

L O N D O N,
Printed for *John Martyn*, Printer to the *Royal Society*. 1679.